We claim:

1.   A portable camera with integral printer device, said camera including:

(a)   a digital image capture device for the capturing of digital images;

(b)   an integral programming language interpreter means connected to said digital image capture device for the manipulation of said digital image;

(c)   a script input means for inputting a self documenting program script for the manipulation of said digital image;

wherein said script is executed by said interpreter means so as to modify said image in accordance with said script so to provide a printout of a modified image on said integral printer.

2.   A portable camera as claimed in claim 1 wherein said script input means comprises a script stored on a card and a card reader for the reading of said scripts from said card.

3.   A portable camera as claimed in claim 2 wherein said cards have, on one surface, an encoded form of the said script and, on a second surface, on a second surface, have an example of the likely effect of said script on an image.

4.   A portable camera claimed in claim 1 wherein said programming language includes a language construct for implementing image warping.

5.   A portable camera claimed in claim 1 wherein said programming language includes a language construct for implementing convolution.

6.   A portable camera claimed in claim 1 wherein said programming language includes a language construct for implementing color lookup tables.

7.   A portable camera claimed in claim 1 wherein said programming language includes a language construct for implementing posterising images.

8.   A portable camera claimed in claim 1 wherein said programming language includes a language construct for adding noises to images.

9.   A portable camera claimed in claim 1 wherein said programming language includes a language construct for implementing image enhancement.

10.   A portable camera claimed in claim 1 wherein said programming language includes a language construct for implementing image painting algorithms including brush jittering and tiling.

11.   A portable camera claimed in claim 1 wherein said programming language includes a language construct for implementing edge detection.

12.   A portable camera claimed in claim 1 wherein said programming language includes a language construct for implementing image illumination.

13.   A portable camera claimed in claim 1 wherein said programming language includes a language construct for implementing text and fonts.

14.   A portable camera claimed in claim 1 wherein said programming language includes a language construct for implementing face detection.

15.   A portable camera claimed in claim 1 wherein said programming language includes a language construct for implementing the utilisation of arbitrary complexity pre-rendered graphical objects.